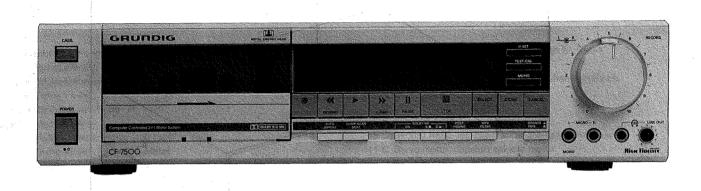


UNDIG SERVICE MANUAL



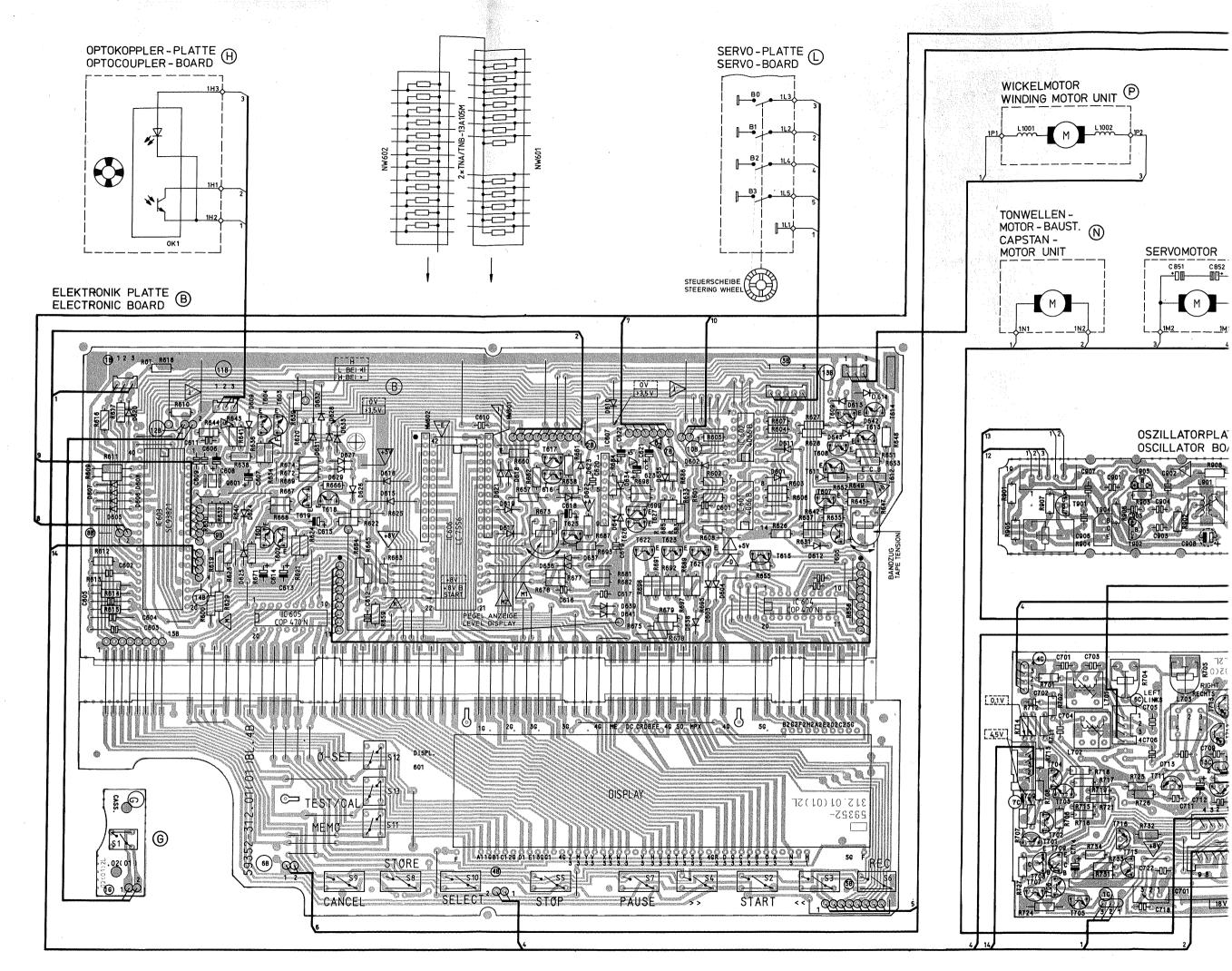
4/86

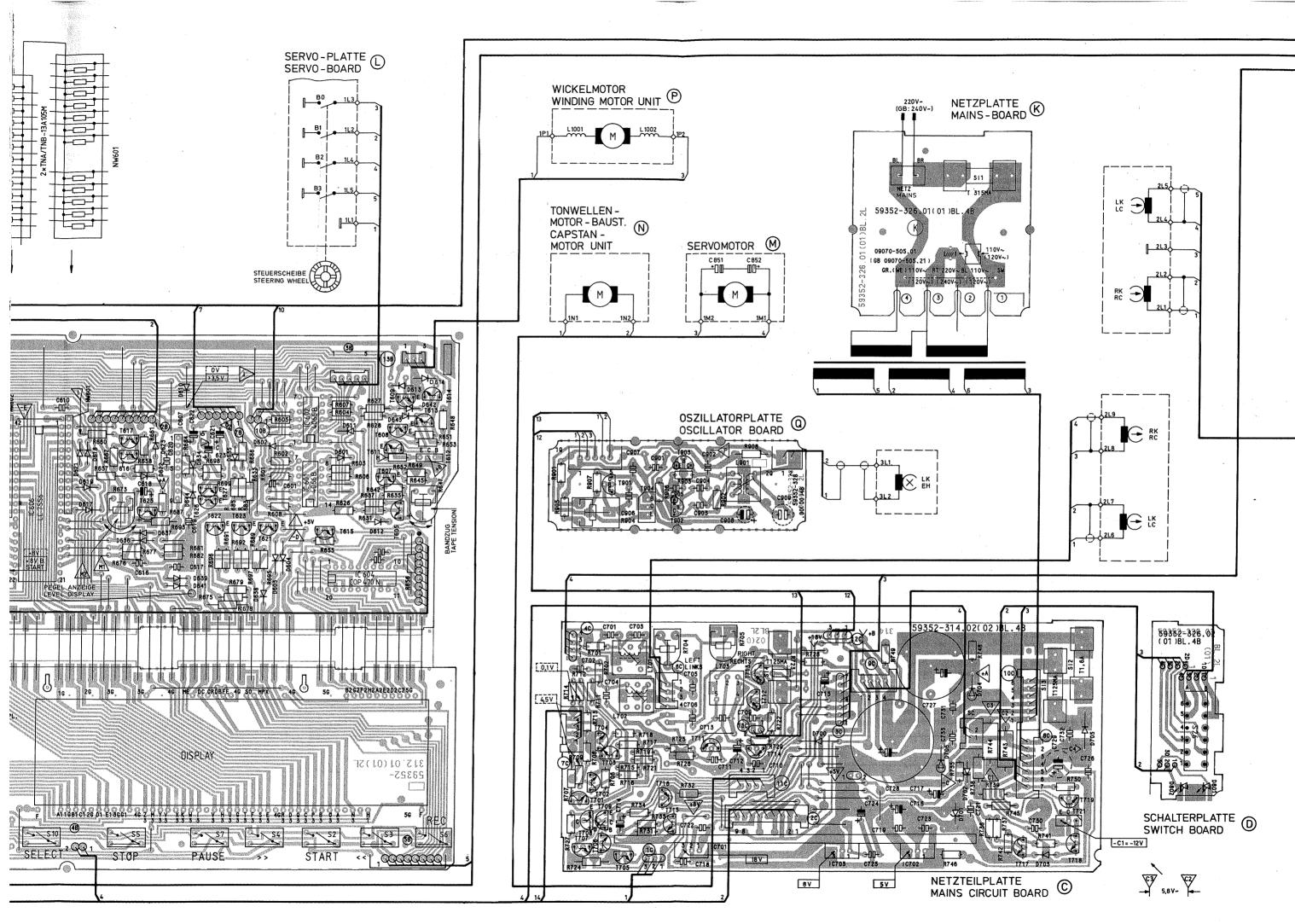
CF7500

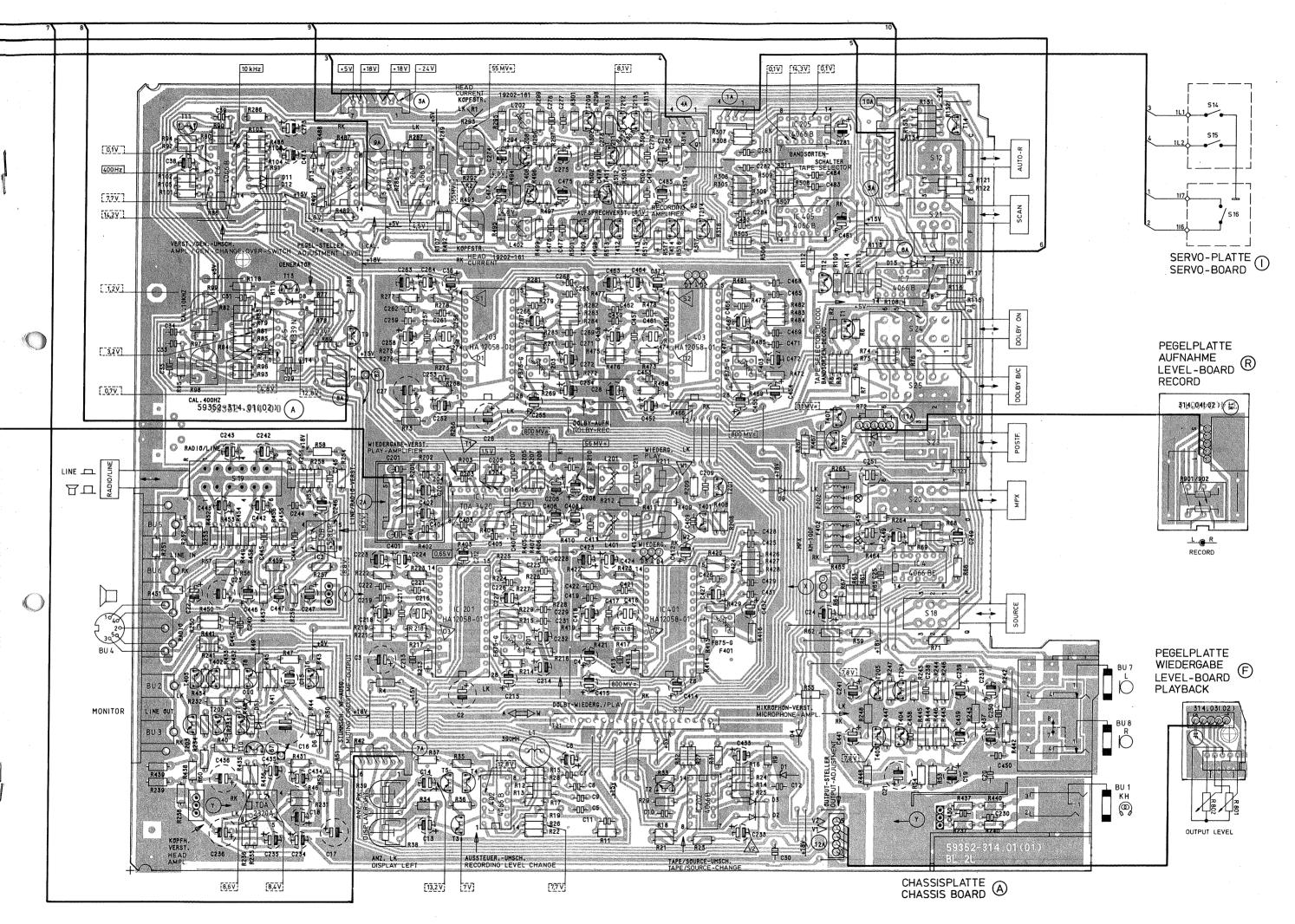


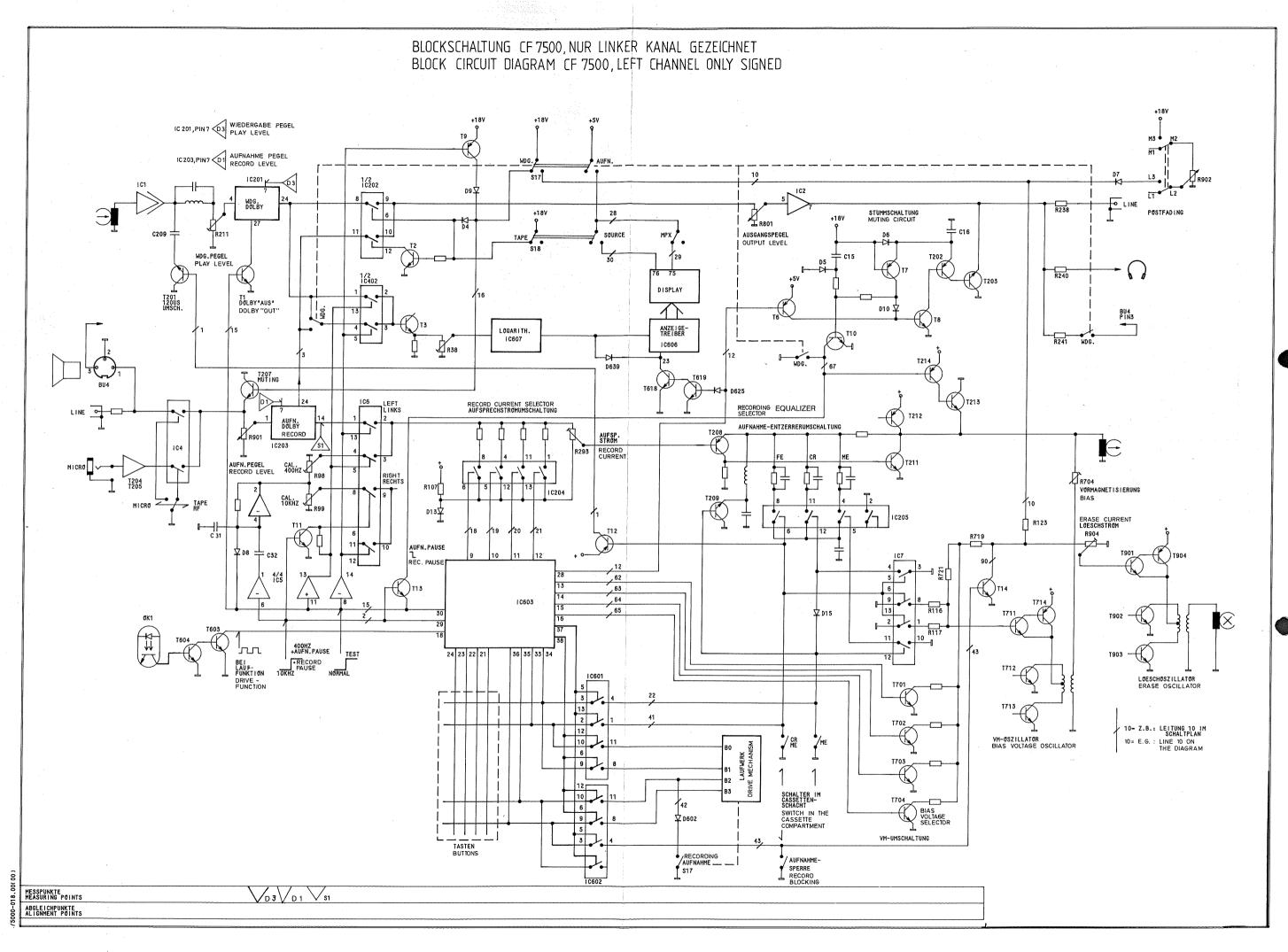
eperatornia (1963 de 1962) Programme (1967) e 197 Inhaltsverzeichnis

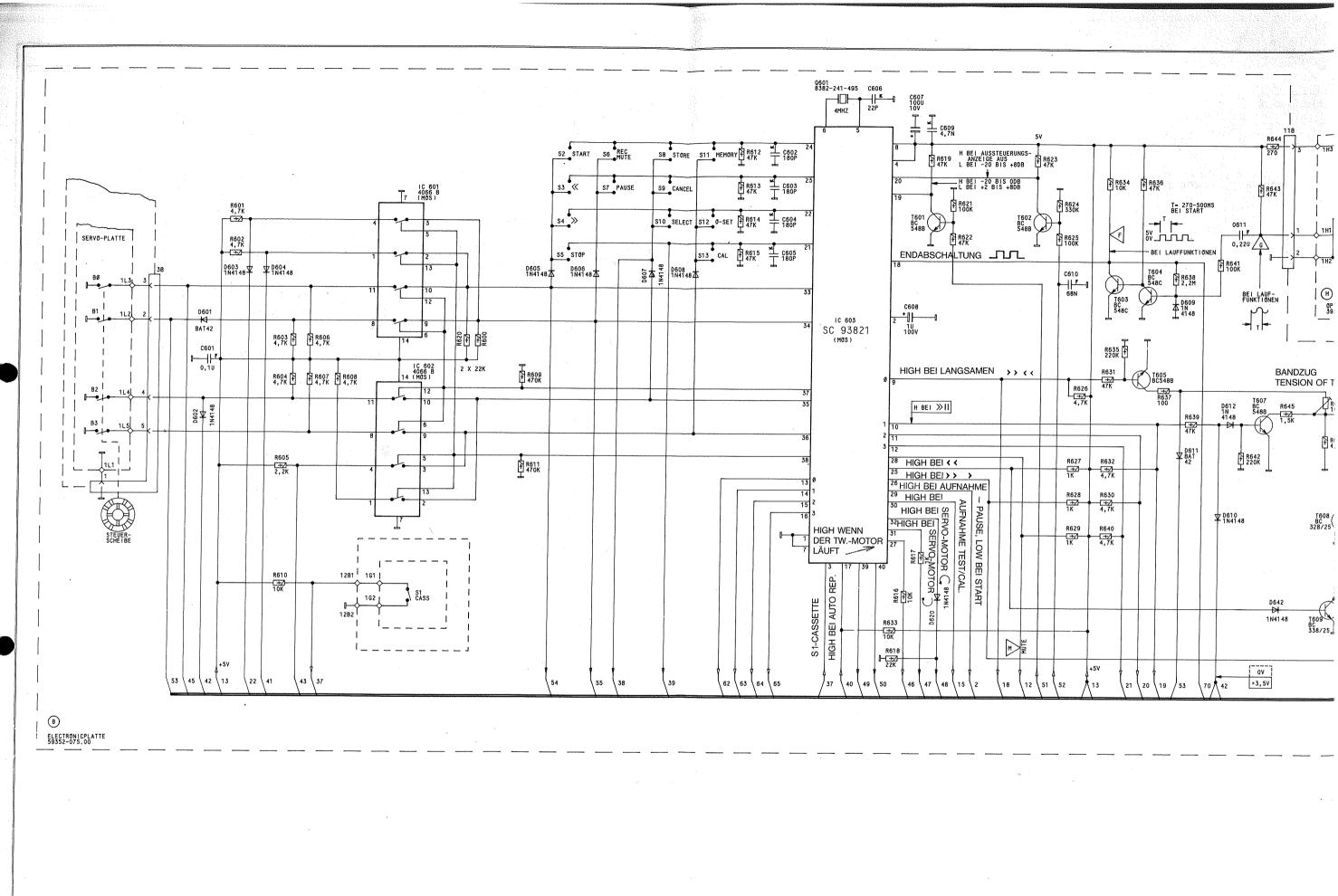
Mechanischer Teil	Selle	Wechanical Section	ragi
Allgemeines zum mechanischen Teil		General information on the mechanical section	
1. Gehäuse abnehmen	2	1. Opening cabinet	
2. Laufwerk CL 200-7 ausbauen	2	2. Removing drive mechanism CL 200-7	
3. Steckverbindungen zum Laufwerk CL 200-7	3	Plug connections to drive mechanism CL 200-7	;
4. Riemenwechsel	. 3	4. Replacing drive belt	1 (1-1)
5. Schwungscheibe wechseln	3	5. Replacing flywheel	;
6. Motorwechsel	4	6. Replacing motor	4
7. Wickelteller	4	7. Replacing spool carrier	4
8. Andruckrollenhalter wechseln	4	Replacing pinch roller arm	4
9. Bandlaufeinstellung	5	9. Adjusting tape transport	ŧ
10. Aufwickelmoment bei Start	5	10. Winding moment at start	ŧ
11. Grundbremsung bei Start	5	11. Basic brake at Start	ŧ
12. Gleichlauf	. 5	12. Synchronization	ŧ
13. Kopfwechsel	5	13. Replacing head	{
Elektrischer Teil		Electrical Section	
Allgemeines zum elektrischen Teil	6	General information on the electrical Section	(
Fehlerhinweise	7	Notes on faults	7
1. Leistungsaufnahme	8	1. Power consumption	8
2. Spannungsprüfung	8	2. Voltage check	8
3. Umspulzeit	8	3. Tape winding time	8
4. Bandgeschwindigkeit	. 8 .	4. Tape speed	8
5. AW-Kopfspalt-Senkrechtstellung	8	5. R/P head alignment, vertical adjustment	8
612. Elektrische Messungen und Anforderungen	915	612. Measurement and requirement	1016
Explosionszeichnung Laufwerk CL 200-7	17	Exploded view CL 200-7	· 17
Druckplattenabbildungen	1822	Illustration of printed platen	1822
Blockschaltbild	23, 24	Block Circuit diagram	23, 24
Schaltbild	2546	Circuit diagram	2546
Frsatzteilliste	4750	Spare Parts List	4750











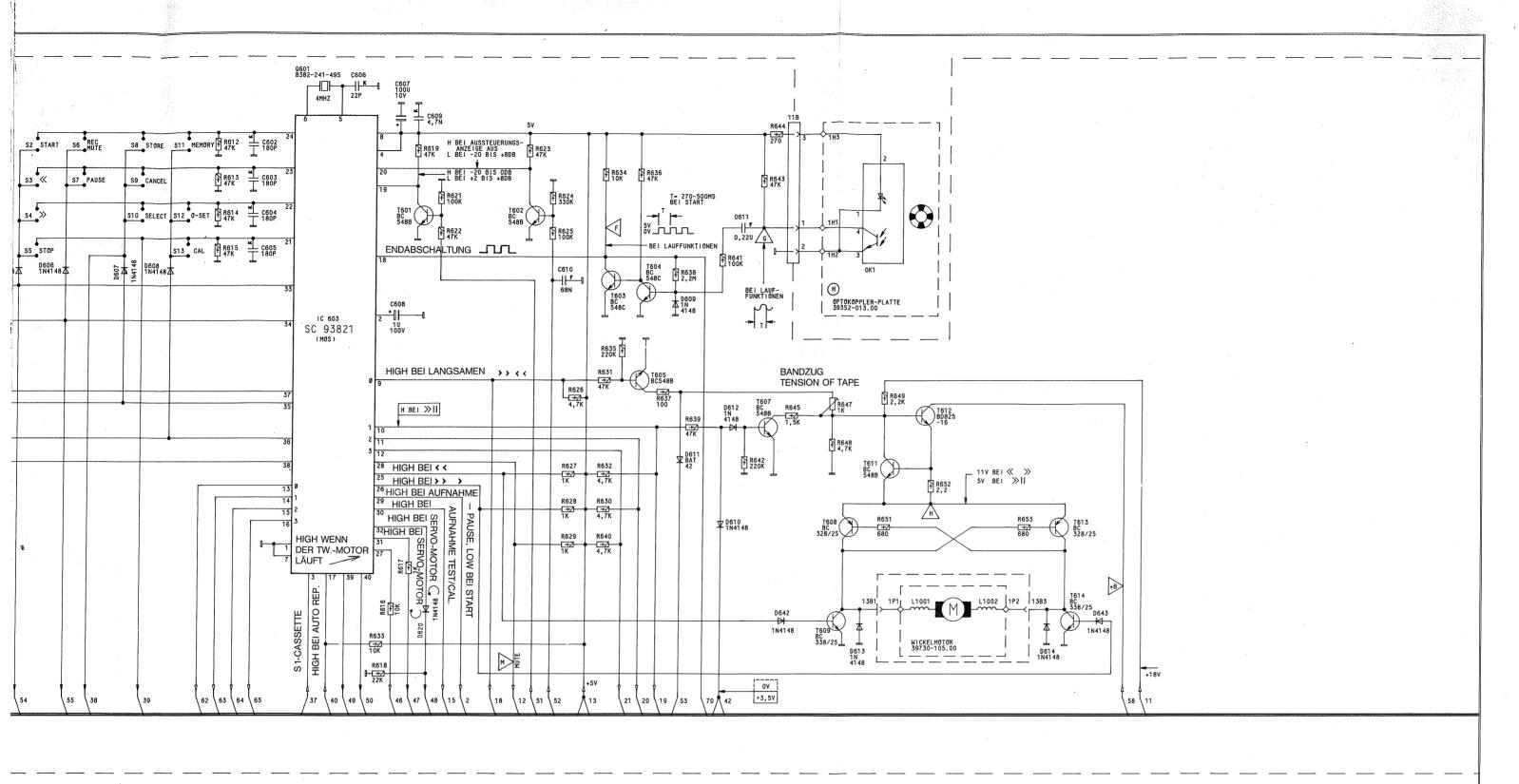
25

MESSPUNKTE MEASURING POINTS

ABGLEICHPUNKTE ALIGNMENT ∇_M

√ F

√ G



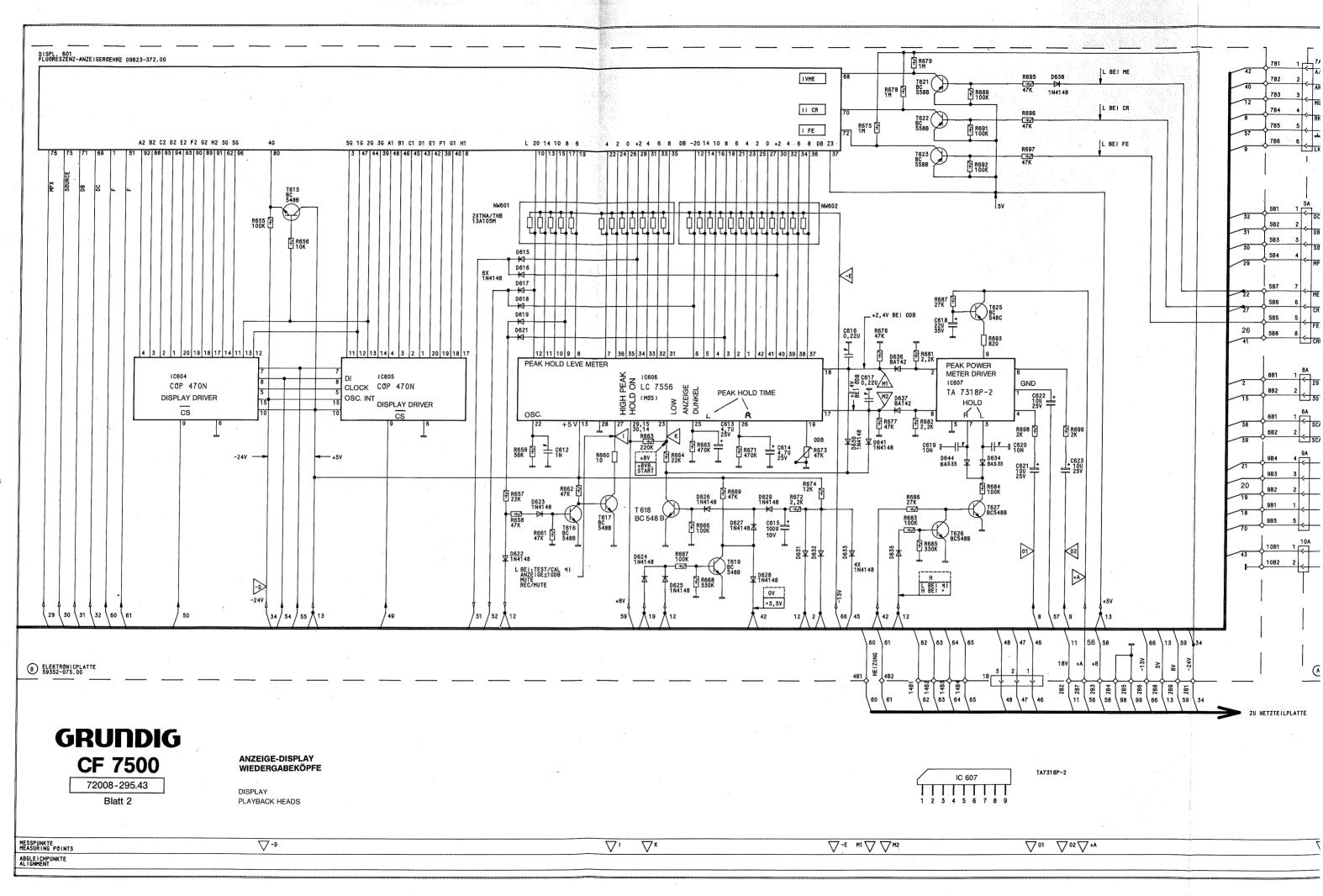
LOKIGSTEUERUNG WICKELMOTOR LOGIC CONTROL

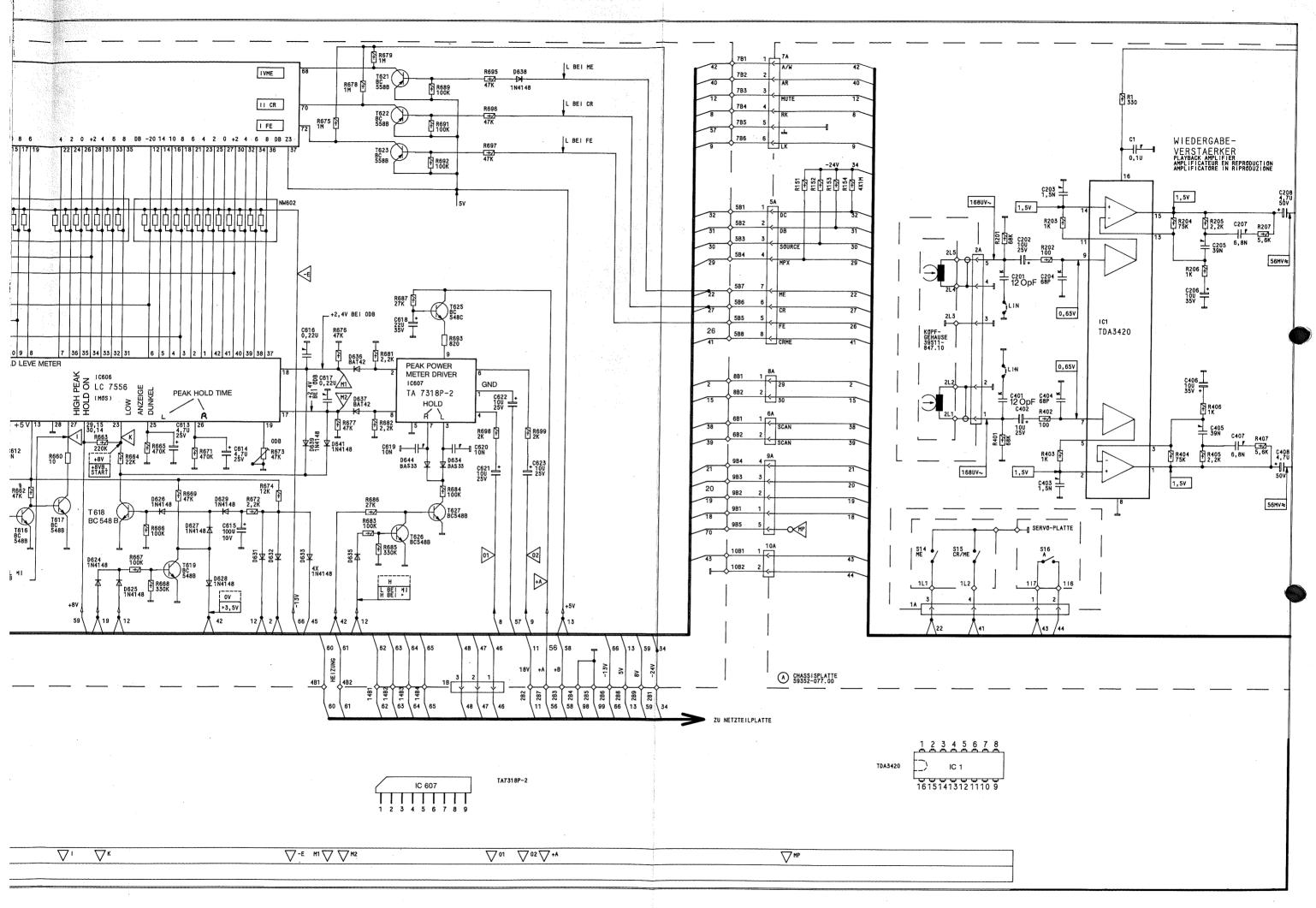
GRUNDIG CF 7500

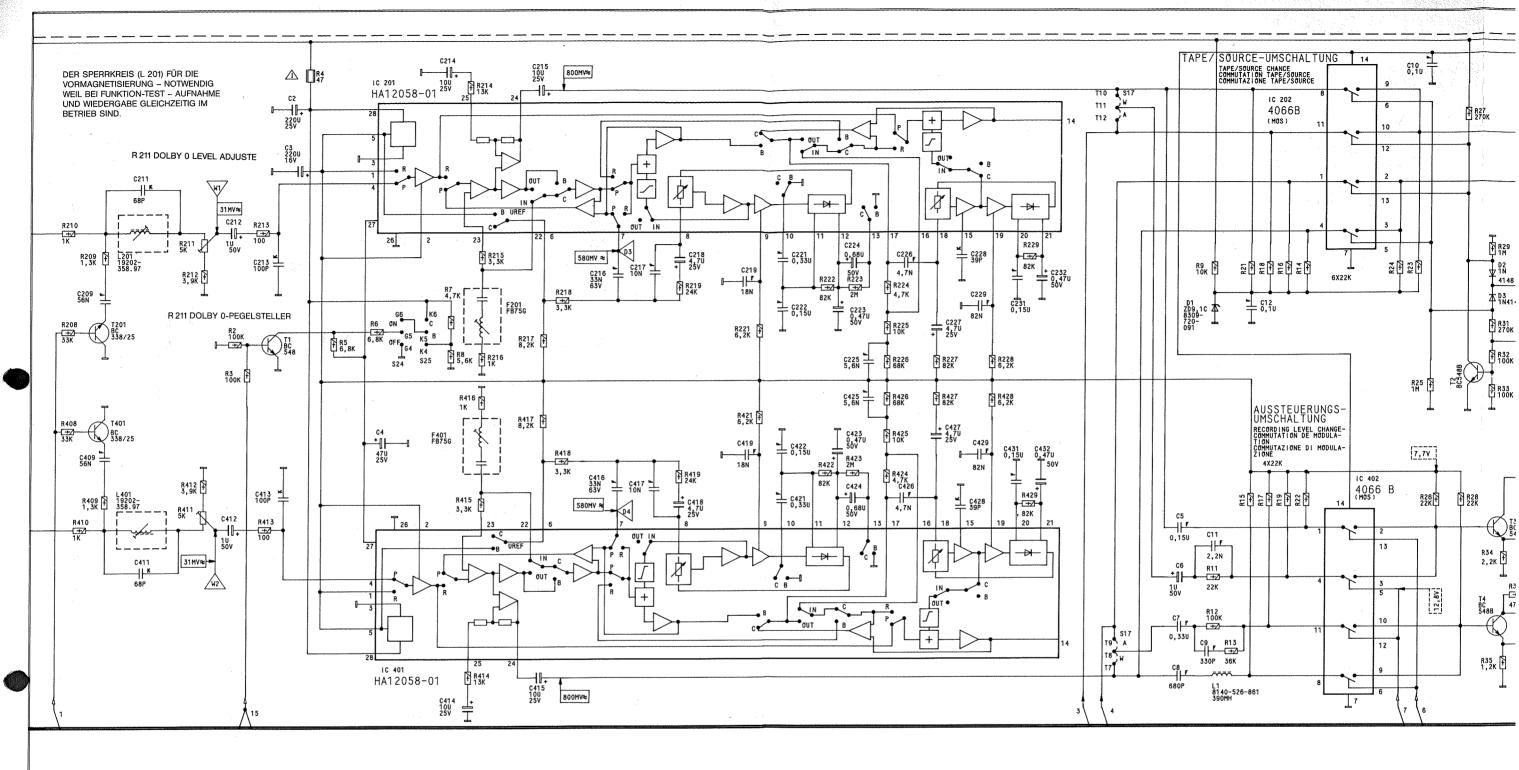
72008-295.43

Blatt 1

 ✓ M
 ✓ F
 ✓ G
 ✓ H
 ✓ +B

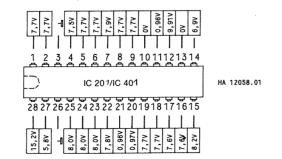






A CHASSISPLATTE 59352-077.00

BIASING REQUIRES BLOCKING CIRCUIT L 201 BECAUSE IN THE TEST FUNCTION BOTH RECORD AND PLAYBACK ARE ENGAGED SIMULTANEOUSLY.



DIE NF-SPANNUNGSANGABEN IM SCHALTBILD BEZIEHEN SICH AUF $F=315\,\text{Hz}$ UND EINE SPANNUNG VON $580\,\text{mV}$ AN D1 UND D2 BEI WIEDERGABEI HIER LEGT AUCH DIE SCHALTSCHWELLE ZWISCHEN DER AUSSTEUERUNGSANZEIGE 0 dB UND $+2\,\text{dB}$ I AN MASSE LEGEN, DAMIT KEIN PEEK-HOLD (TRÄGHEITSLOSE PEGELANZEIGE).

THE AF VOLTAGES STATED IN THE CIRCUIT DIAGRAM ARE BASED ON F $=315\,\text{Hz}$ AND A VOLTAGE OF 580 mV AT D 3 AND D 4 DURING RECORDING AND 580 mV AT D 1 AND D 2 DURING PLAYBACK.

THIS IS ALSO THE SWITCHING THRESHOLD BETWEEN THE 0 dB AND +2 dBOUTPUT DISPI AY.

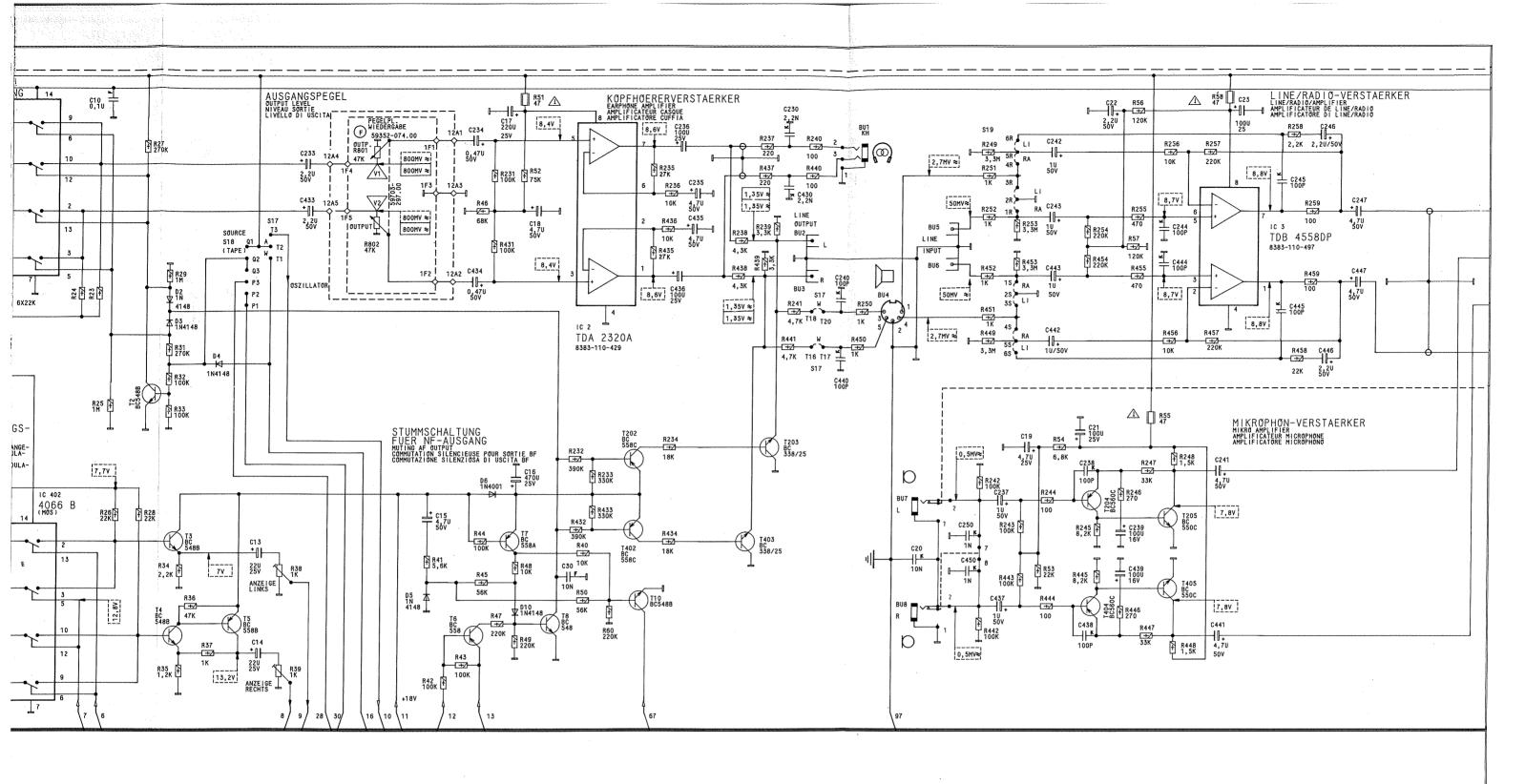
CONNECT 1 TO CHASSIS, TO AVOID PEAK HOLD (INSTANTANEOUS LEVEL DISPLAY)

MESSPUNKTE MEASURING POINTS

MI V V W2

D3 V D4

ABGLEI CHPUNKTE
ALIGNMENT POINTS



W ARE BASED ON F = 315 Hz ECORDING AND 580 mV AT D 1

ISTANTANEOUS LEVEL DIS-

1 2 3 4 IC 2 8 7 6 5

8 7 6 5

TDA 2320A/8383-100-429
TDB 45580P/8383-110-419

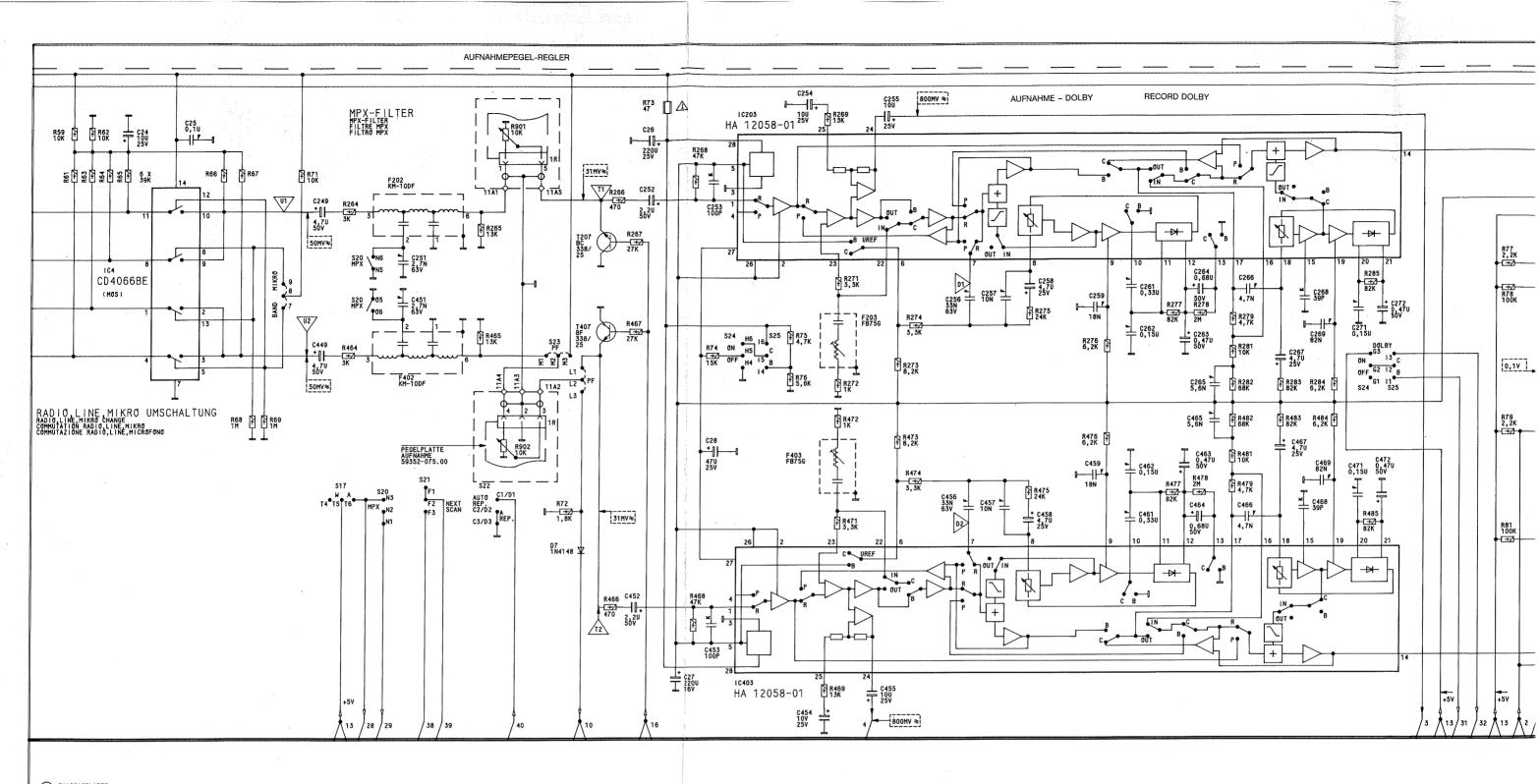
WIEDERGABE DOLBY NR KOPFHÖRERVESTÄRKER EIN- UND AUSGÄNGE

PLAYBACK DOLBY NO. HEADPHONE AMPLIFIER INPUTS AND OUTPUTS **GRUNDIG**CF 7500

72008-295.43

Blatt 3

V1 V V2



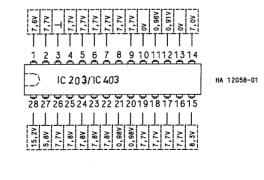
A CHASSISPLATTE 59352-077.00



72008-295.43

Blatt 4

AUFNAHME DOLBY NR TESTGENERATOR RECORD DOLBY NO. TEST GENERATOR



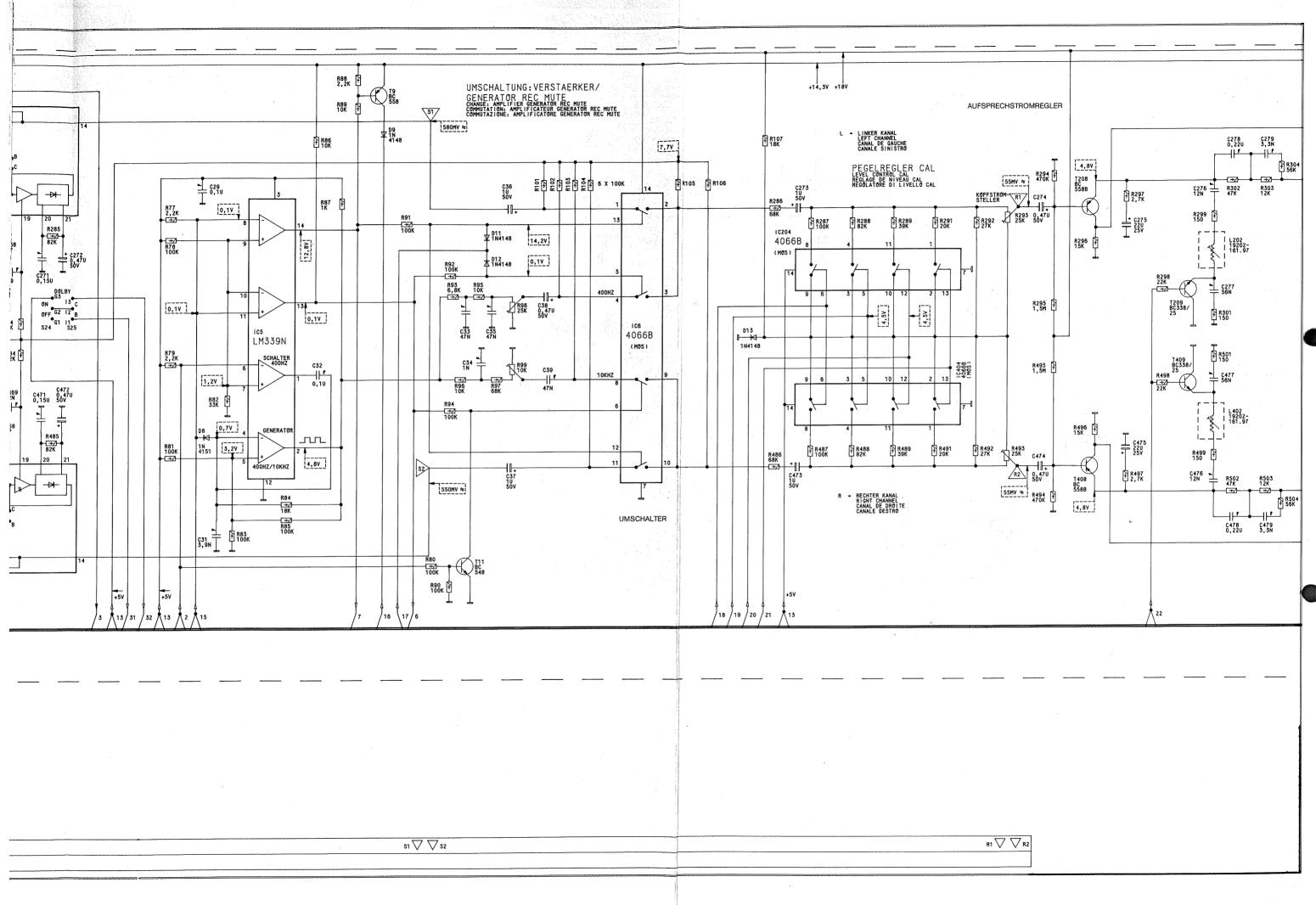
MESSPUNKTE
MEASURING POINTS

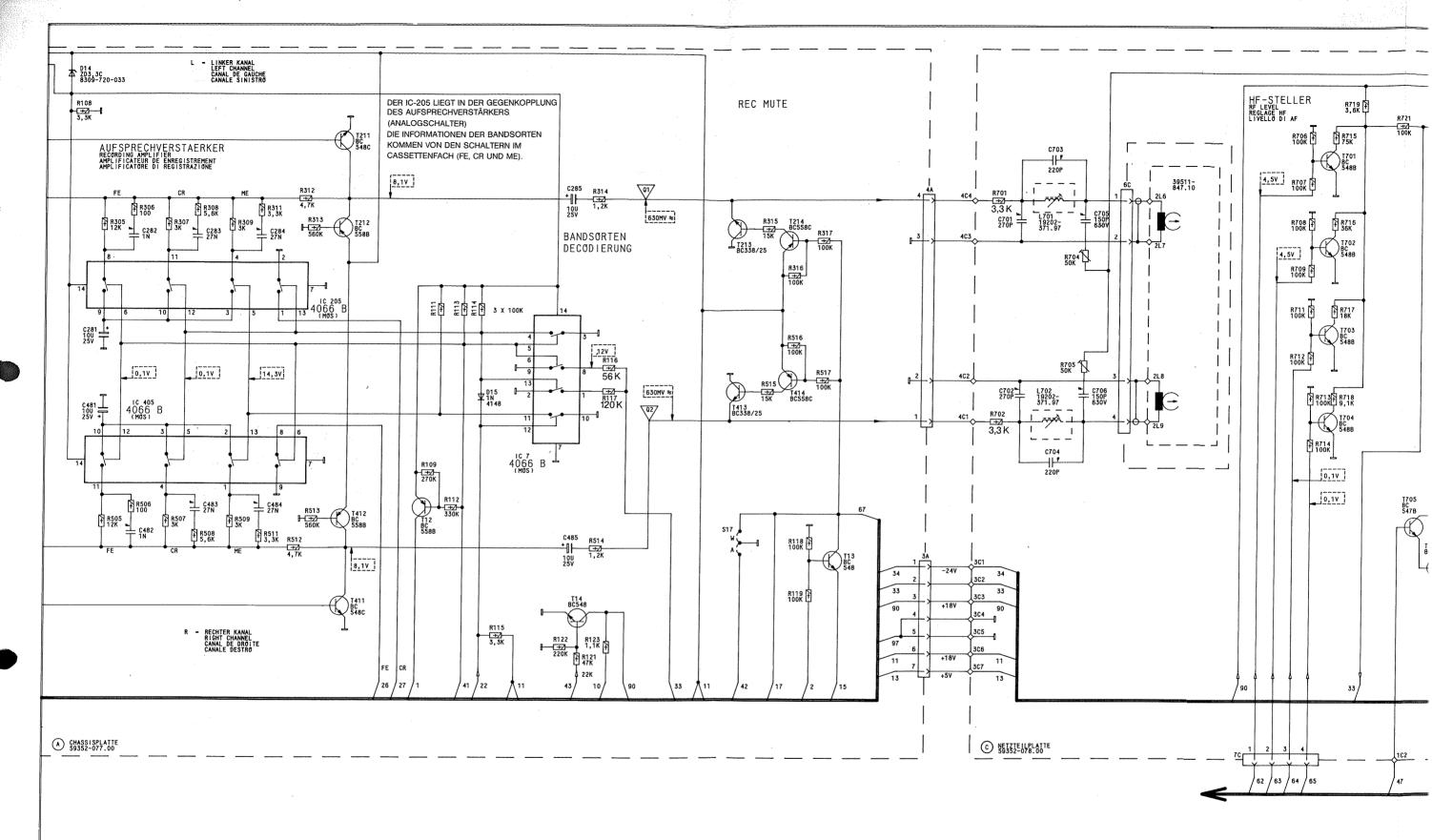
U1 V U2

ABGLEICHPUNKTE
ALIGMMENT POINTS

T1 ▽ ▽ T2

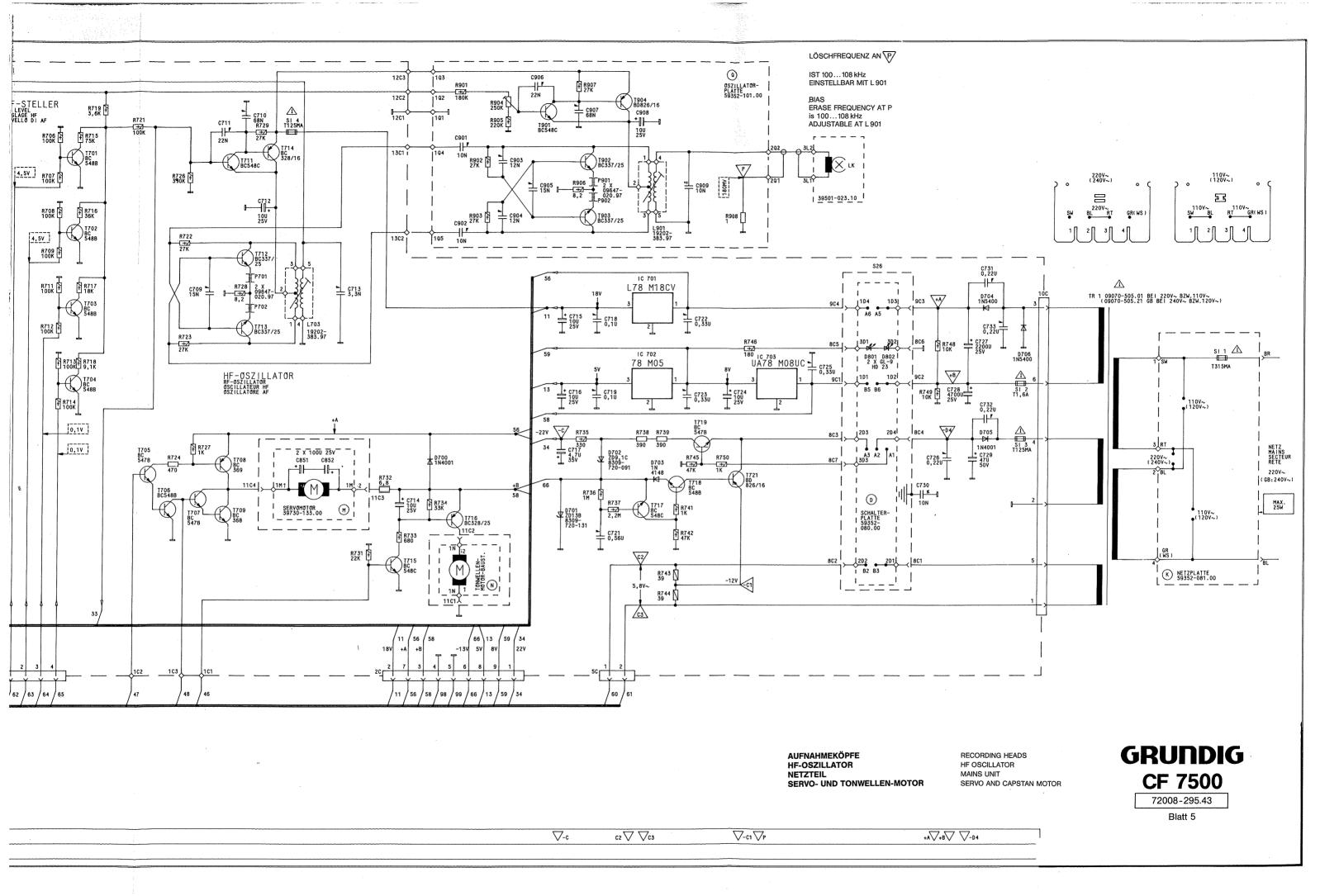
∇ p₄ ∇ p₂

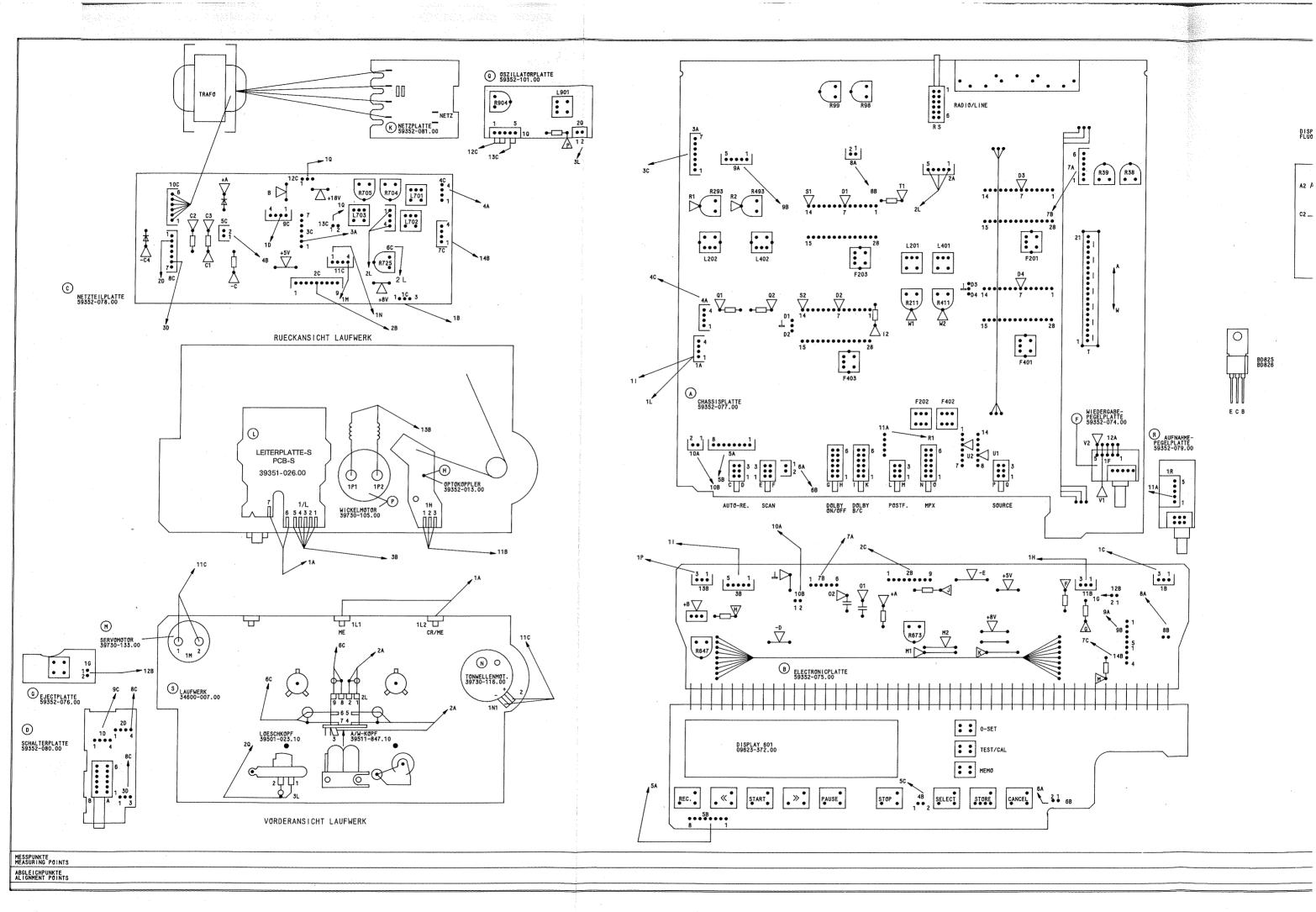


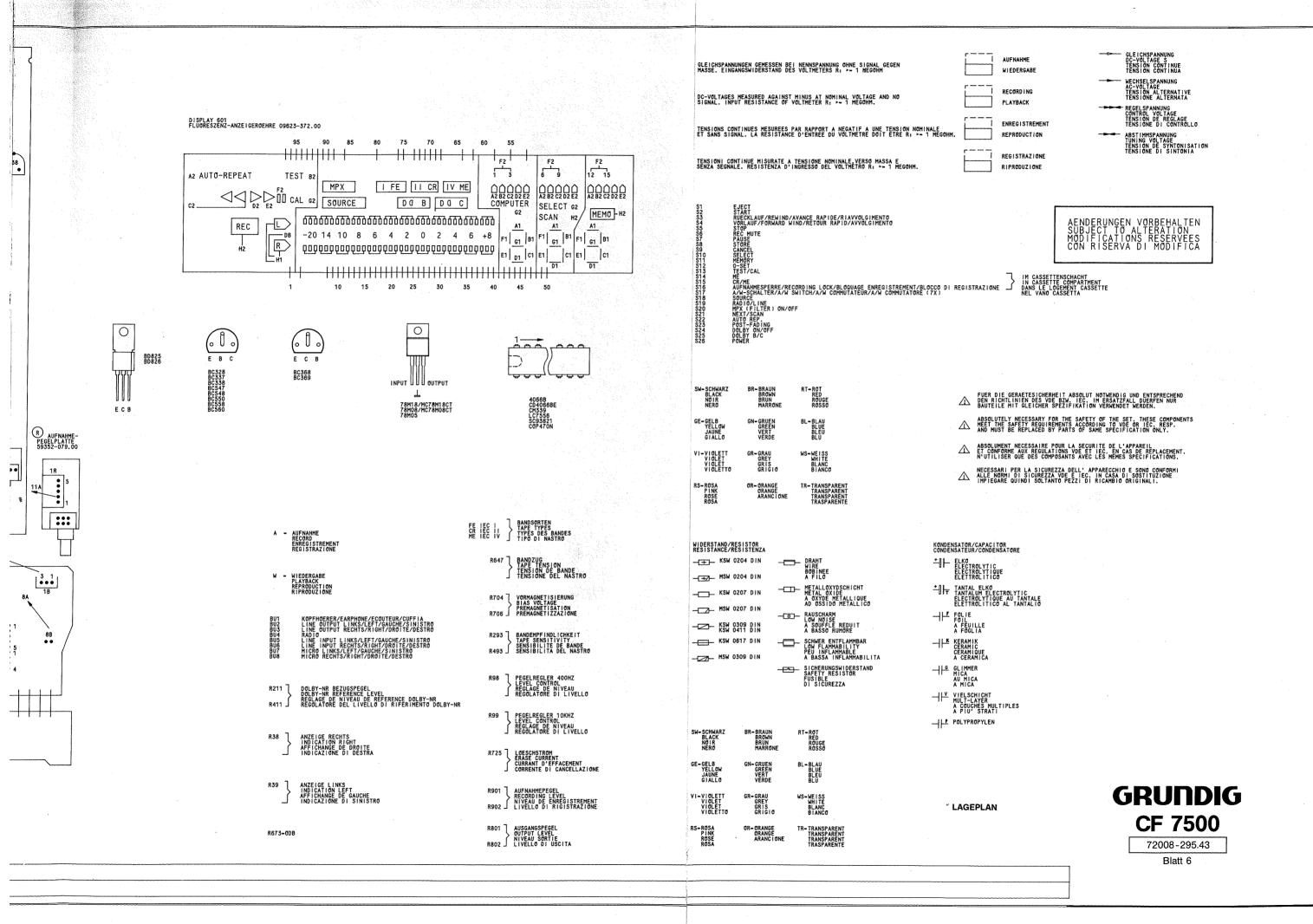


IC 205 IS PART OF THE NEGATIVE FEEDBACK OF THE RECORD CURRENT AMPLIFIER (ANALOF SWITCH)
THE SWITCHES IN THE CASSETTE COMPARTMENT IDENTIFY THE TYPE OF TAPE LOADED (CR, FE, ME)

ESSPUNKTE EASURING POINTS	01 \sqrt{02}
BGLEICHPUNKTE	







Änderungen vorbehalten